

Abstract

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Analysis system for the analytical investigation of a sample, in particular of a body fluid. It consists of test elements brought into contact, for performing an analysis, with a sample to be investigated, and an evaluation apparatus with a test element support for positioning the test element in a measurement position, as well as a measurement and evaluation electronic device. The measurement and evaluation electronic device of the evaluation apparatus comprises a temperature correction device, in order to take into account the temperature prevailing in the measurement zone during the measurement for the determination of the result of the analysis. The temperature correction unit includes a temperature history imaging device for the currentless tracing of the temperature history before the time of measuring, without consuming electric energy before the time of measuring.

25